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TITLE OF THE INVENTIONCONTINUOUS METHOD FOR PREPARING AROMATIC CARBONATE USING A HETEROGENEOUS
CATALYST AND A REACTION APPARATUS FOR THE SAME

5 This application is a 371 of PCT/KR03/00237 filed on
02/03/2003.

BACKGROUND OF THE INVENTION**(a) Field of the Invention**

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R.D. 9/12/07

10 The present invention relates to a method for preparing an
aromatic carbonate and a reaction apparatus for the same, and
particularly to a continuous method for preparing an aromatic carbonate
using a heterogeneous catalyst and a reaction apparatus for the same.

(b) Description of the Related Art

15 Aromatic carbonates are used as starting materials in the
preparation of several kinds of isocyanates and aromatic polycarbonates
that do not use a very toxic phosgene gas, and they are synthesized
mostly by the transesterification of dialkyl carbonates and aromatic
hydroxy compounds. In this reaction, typical reactants are dimethyl
carbonate and phenol.

20 However, such transesterification is a reversible reaction and its
equilibrium constant is very small, and consequently the conversion rate